

NEUROTRAUMA & NEUROCRITICAL CARE OF THE FUTURE *Symposium at* UCLA



JANUARY 19-20, 2012
UCLA Neuroscience Research Building
(NRB Auditorium)
635 Charles E. Young Drive South
Los Angeles, California, 90095



Course Director

Paul M. Vespa, MD, FCCM, FAAN
Professor of Neurosurgery and Neurology
Director of Neurocritical Care
David Geffen School of Medicine at UCLA



DAVID GEFEN SCHOOL OF MEDICINE • UCLA

NEUROTRAUMA & NEUROCRITICAL CARE OF THE FUTURE *Symposium at UCLA*

This is the 7th annual neuro-ICU symposium at UCLA, featuring a two-day conference designed to discuss innovative strategies to treat neurotrauma, cardiac arrest and other neurologic emergencies.

FACULTY

GUEST FACULTY

Thomas P. Bleck, MD, FCCM

Professor of Neurological Sciences, Neurosurgery, Medicine, and Anesthesiology
Assistant Dean, Rush Medical College
Associate Chief Medical Officer (Critical Care)
Rush University Medical Center
Founding Past President, The Neurocritical Care Society
Chicago, Illinois

Patrick Kochanek, MD

Professor and Vice Chairman Department of Critical Care Medicine
Professor of Anesthesiology, Pediatrics and Clinical and Translational Science
Director, Safar Center for Resuscitation Research
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

Stephan A. Mayer, MD, FCCM

Professor of Neurology and Neurological Surgery
Columbia University College of Physicians & Surgeons
Director, Neurocritical Care
New York Presbyterian Hospital/Columbia
New York, New York

Paul E. Pepe, MD, MPH, FACEP, FCCM, MACP

Professor of Surgery, Medicine, Pediatrics, Public Health
Riggs Family Chair in Emergency Medicine
The University of Texas Southwestern Medical Center and the Parkland Health and Hospital System
Director, City of Dallas Medical Emergency Services for Public Health, Public Safety and Homeland Security
Medical Director, Dallas Metropolitan Medical Response System (MMRS) and the Dallas Metropolitan BioTel (EMS) System
Dallas, Texas

Murray Stein, MD, MPH

Professor
Department of Psychiatry and
Department of Family & Preventive Medicine
University of California San Diego
La Jolla, California



COURSE DIRECTOR

Paul M. Vespa, MD, FCCM, FAAN

Professor of Neurosurgery and Neurology*
Director, Neurocritical Care
Ronald Reagan UCLA Medical Center

UCLA FACULTY

Henry Cryer, MD

Professor of General Surgery*
Department of Surgery

Jonathan Hiatt, MD

Professor and Chief*
General Surgery

David Hovda, PhD

Professor and Vice Chair
of Research and Academic Affairs*
Department of Neurosurgery
Director, UCLA Brain Injury Research Center

Yince Loh, MD

Clinical Instructor*
Department of Neurosurgery and
Radiological Sciences

Marc Nuwer, MD

Professor of Clinical Neurology*
Department of Neurology

Neil Martin, MD

Chair and W. Eugene Stern Professor*
Department of Neurosurgery

*David Geffen School of Medicine at UCLA

AGENDA

THURSDAY, January 19, 2012

- 7:00AM Registration and Continental Breakfast
- 7:55 Welcome and Introductory Comments
Paul Vespa
- 8:00 **Trauma: Triage and Emergency Surgery**
Henry Cryer
- 8:30 **Mass Casualty Trauma: Plans for Treatment**
Jonathan Hiatt
- 9:00 **Sex, Drugs and R&R (Reanimation & Resuscitation):
The Evolving Role of Sex Hormones in Resuscitation**
Paul Pepe
- 9:30 Break
- 10:00 **Neurotrauma: Triage, Telemedicine and Transfer**
Paul Vespa
- 10:30 **Neurotrauma: Implementing Treatment for Military Casualties**
Yince Loh
- 11:00 **Pediatric Neurotrauma: What is Different**
Patrick Kochanek
- 11:30 **Neurotrauma: Designing a Novel Treatment**
David Hovda
- 12:00PM **Special Guest Presentation** (Not CME)
David Hovda
- 12:30 Lunch
- 2:00 **Neurotrauma: Post-traumatic Stress Disorder**
Murray Stein
- 2:30 **Jumpin' Jack Flash: It's a Gasp!**
Paul Pepe
- 3:00 **Cardiac Arrest: Therapeutic Hypothermia**
Stephan Mayer, Thomas Bleck
- 3:30 **Cardiac Arrest and Suspended Animation in Trauma**
Patrick Kochanek
- 4:00 **Faculty Question and Answer Session**
- 4:30 End of Day 1

FRIDAY, January 20, 2012

- 7:00^{AM} Registration and Continental Breakfast
- 8:00 **Continuous EEG Monitoring in the ICU**
Marc Nuwer
- 8:30 **Electrical Instability after Brain Injury**
Thomas Bleck
- 9:00 **Surgical Guidelines for Brain Injury**
Neil Martin
- 9:30 **Controversies in Treating Status Epilepticus**
Thomas Bleck
- 10:00 Break
- 10:30 **Using Brain Monitors to Guide Treatment**
Stephan Mayer
- 11:15 **Using Brain Imaging to Guide Treatment**
Paul Vespa
- 12:00^{PM} Lunch
- 1:00 **Hands-On Training in Brain Monitoring and Imaging or Tour of the ICU**
Faculty and Selected Workshop Assistants
- 3:00 Break
- 3:30 **Simulation Training in Neurologic Emergencies**
Faculty panel and audience response using principles learned in the didactic sessions
- 4:30 Adjourn

**NEUROTRAUMA &
NEUROCRITICAL CARE**
OF THE FUTURE
Symposium at UCLA

**NEUROTRAUMA &
NEUROCRITICAL CARE**
OF THE FUTURE
Symposium at UCLA

COURSE# M112-17

Tuition: Physicians	\$300.00
Nurses/Nurse Practitioners	\$200.00
Fellows/Residents	\$150.00
Industry, Hospital Administrators	\$500.00

Please print clearly

Specialty _____ Degree _____

Name (First,Middle,Last) _____

Address _____

City,State,Zip _____

(Area Code) Business Phone _____ (Area Code) Fax Number _____

Email Address _____

Last 4 digits of your Social Security Number _____

Course Enrollment Options

Check enclosed, payable to: **Academic Event Management**

Please charge my credit card

Card Number _____ Exp.Date _____

Signature _____

- Mail completed enrollment form to:

**Academic Event Management
1396 Rancho Lane
Thousand Oaks, CA 91362**

- Fax enrollment form to: 805-494-1103
- Register by phone: 805-300-9154
- Register by e-mail: pat@academiceventmanagement.com
- Register on-line: nsurgnet.medsch.ucla.edu/futureicu/

REFUNDS: Cancellations must be received in writing by December 19, 2011 and will be subject to a \$50 processing fee. No refunds will be given after that date. If for any reason the course must be canceled, discontinued, or rescheduled by the Office of CME, a full refund will be provided.

SPECIAL FOCUS FOR 2012

MASS CASUALTY AND TRAUMA:

Important features of care for the multiple trauma patient and mass casualty care as it intersects with brain injury will be discussed.

TRAUMATIC BRAIN INJURY:

Novel discoveries and ICU treatments of TBI, blast injury, and concussion will be reviewed.

CARDIAC ARREST:

Innovative strategies for CPR and therapeutic hypothermia will be assessed.

NEUROLOGIC MONITORING AND BRAIN IMAGING:

Didactic and hands-on sessions in EEG, ICP, microdialysis, brain tissue oxygen, and other monitors will be taught.

SIMULATOR TRAINING AND HANDS-ON WORKSHOPS:

We will feature simulator training and provide hands-on experience for attendees. Hands-on workshops on the use of novel monitoring and treatment techniques will be held.

AUDIENCE INTERACTION:

This is a highly interactive, participatory conference. Each lecture and simulation session will engage the audience utilizing an audience response system.

COURSE LOCATION

UCLA Neuroscience Research Building Auditorium
635 Charles E. Young Drive South
Los Angeles, CA 90095

(Directions and parking information given upon registration)

ACCOMMODATIONS

Hotel Angeleno

170 N. Church Lane
Los Angeles, California 90049
For reservations call: 310-476-6411

Mention "ICU of the Future" for a special rate of \$145 plus taxes.
Space is limited. Cut-off date for special rate is January 4, 2012

COURSE INFORMATION

COURSE OVERVIEW

This is a two-day conference designed to discuss innovative strategies for the care of neurological emergencies and neurocritical care in the ICU of the future. This conference will focus on controversies in neurocritical care including discussions on neurocritical care and nursing strategies in the neuro-ICU.

There are many challenges to the delivery of neurointensive care in the emerging future. Intensive care will occupy over half of acute care hospital beds within the next decade and will be the focus of intense pressure to improve care while limiting cost. The design of neuroscience centers of excellence will also be addressed. Pertinent information technology, advanced imaging techniques, and outcomes-based research will be increasingly used to achieve these goals.

TARGET AUDIENCE

Trauma surgeons, neurosurgeons, neurointensivists, military physicians, advanced practice nurses, and intensive care unit nurses are welcome to attend.

OBJECTIVES

At the conclusion of this activity, participants should be able to:

- Diagnose and treat traumatic brain injury including understanding novel concepts about blast injury.
- Diagnose and treat neurotrauma using telemedicine.
- Diagnose and treat cardiac arrest.
- Learn about general trauma care for the shock patient and the interplay between brain injury and multiple trauma.
- Gain a working practical knowledge of advanced brain monitoring in the coma patient.
- Learn and be able to implement therapeutic hypothermia after cardiac arrest.
- Have practical knowledge of neurotrauma via simulation training.

ACCREDITATION

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of *11.5 AMA PRA Category 1 Credits™*. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Disclosure

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, policy of the Accreditation Council for Continuing Medical Education now mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of these concepts.

UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
405 Hilgard Avenue MC 29
Los Angeles, CA 90095-6938

**NEUROTRAUMA &
NEUROCRITICAL CARE**
OF THE **FUTURE**
Symposium at UCLA

Presented by:

CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFEN SCHOOL OF MEDICINE @ UCLA



Non-Profit Org.
U.S. Postage
PAID
UCLA